WEST Search History

DATE: Thursday, November 13, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L18	L17 not l1	3	L18
L17	l15 or l1	1386	L17
L16	l2 and L15	3	L16
L15	k?sub.2 feo?sub.4 or na?sub.2 feo?sub.4	33	L15
L14	l1 same L13	24	L14
L13	disinfect$5	49172	L13
L12	l1 same L11	20	L12
L11	clean$5	975172	L11
L10	l1 and ((252/$)!.CCLS.)	34	L10
L9	l1 and ((428/$)!.CCLS.)	24	L9
L8	((428/$)!.CCLS.)	199136	L8
L7	l1 and L6	22	L7
L6	((422/$)!.CCLS.)	76664	L6
L5	l1 and L4	20	L5
L4	((427/$)!.CCLS.)	134876	L4
L3	l1 and L2	3	L3
L2	((134/$)!.CCLS.)	35676	L2
L1	ferrate	1383	L1

END OF SEARCH HISTORY

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(FILE 'HOME' ENTERED AT 10:31:55 ON 13 NOV 2003)

FILE 'CAPLUS' ENTERED AT 10:32:11 ON 13 NOV 2003

L1	10638	S	FERRATE
L2	2082028	S	WATER
L3	0	S	TRUCLEAR
L4	718	S	L1 AND L2
L5	3708840	S	TREAT? OR OXIDI? OR OXIDA?
L6	258	S	L4 AND L5
L7	495753	S	SITE
L8	7	S	L7 AND L6

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Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L13	truclear	1	L13
L12	l3 same L11	74	L12
L11	treat$5	2275702	L11
L10	l1 same l8	12	L10
L9	l1 and L8	256	L9
L8	site	562270	L8
L7	l1 and L6	0	L7
L6	point of use or point-of-use	860	L6
L5	l3 and L4	13	L5
L4	((210/$)!.CCLS.)	106754	L4
L3	l1 same L2	590	L3
L2	water or h?sub.2 o	2966135	L2
L1	ferrate	1383	L1

END OF SEARCH HISTORY

WEST

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L12: Entry 14 of 74 File: USPT Jul 31, 2001

DOCUMENT-IDENTIFIER: US 6267896 B1
TITLE: Ferrate-based water disinfectant and method

Brief Summary Text (12):
In another patent to Deininger, U.S. Pat. No. 4,983,306, a process for treating water to remove transuranic elements using an alkali or alkaline earth metal ferrate is there taught. A water soluble salt added to the alkaline earth ferrate is also taught to enhance removal efficiency. Deininger also reviews many prior art processes for the use of ferrate in U.S. Pat. No. 5,202,108 which generally teaches another process for producing ferrate utilizing beta-ferric oxide. Moreover, in U.S. Pat. No. 5,217,584, Deininger further teaches yet another process for producing ferrate employing beta-ferric oxide.

Brief Summary Text (14):
Johnson, in U.S. Pat. No. 5,746,994 teaches ferrates which are produced by oxidizing Fe.sup.3+ to FeO.sub.4.sup.2- with monoperoxosulfate in the presence of KOH or NaOH. The availability of ferrates under the trademark TRUCLEAR by Analytical Development Corporation for water purification and waste water treatment are disclosed.